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Notes ID: 338E53F10D36FA38852578690055A5CF

From: "Anderson, Michael \(Boston\)" < Michael. Anderson@jacobs.com>

To: Dave Dickerson/R1/USEPA/US@EPA; "Rigassio-Smith, Anita" < Anita.Rigassio-Smith@jacobs.com>

Copy To: ElaineT Stanley/R1/USEPA/US@EPA; <K.C.Mitkevicius@nae02.usace.army.mil>; "Gouveia, Mark" <Mark.Gouveia@jacobs.com>; <maurice.beaudoin@usace.army.mil>; <paul.g.l'heureux@usace.army.mil>; "Bob Leitch" <Robert.A.Leitch@usace.army.mil>; "Gouveia, Mark" <Mark.Gouveia@jacobs.com>

Delivered Date: 12/17/2007 12:55 PM EDT

Subject: RE: EPA HQ Estimates 1a and 1c

Dave,

We've been wrapping up our cost estimate for 1b (shoreline excavation) and will get back on 1c as soon as we finish it. We have a few clarifying questions before we start.

- 1. In 2011 are we adding LH mechanical dredging to a "normal" year of hydraulic dredging as your email suggests below, or to the "Purchase Marine Equipment and Prep Area C" cost estimate that was in year 2011 in the Alternative 3 cost estimate used as the starting point?
- 2. Similarly, in 2012 are we adding mechanical dredging MU22-32 to hydraulic dredging or to "Cap MU1-4, 102" as in the Alternative 3 cost estimate.
- 3. Before we submit 1b, are we combining the cost estimate for shoreline excavation work with hydraulic dredging or providing the cost estimate as a stand alone item/activity? Our understanding from the 11/19 coordination call was that it was a stand alone activity and cost estimate.

Mike

----Original Message----

From: dickerson.dave@epamail.epa.gov [mailto:dickerson.dave@epamail.epa.gov]

Sent: Friday, December 14, 2007 2:06 PM

To: Rigassio-Smith, Anita

Cc: stanley.elainet@epamail.epa.gov; K.C.Mitkevicius@nae02.usace.army.mil; Gouveia, Mark; maurice.beaudoin@usace.army.mil; Anderson, Michael (Boston);

paul.q.l'heureux@usace.army.mil; Bob Leitch

Subject: RE: EPA HQ Estimates 1a and 1c

Thanks Anita.

Going back to the original intent of this estimate, we're trying to estimate how much EXTRA costs (beyond the current ~\$15m for upper harbor SES dredging) would be required to implement the mech. dredging/CAD cell

disposal in MU22-32 and in the LH (see my 11/16/07 email). In other words, keep SES going in the upper harbor as well as do the mech. dredging/CAD cell work. Its dawned on me that as is the estimate assumes just the opposite (i.e. mech. dredging only).

As a result this estimate will need to be redone to answer the original question. We can discuss more if need be.

Dave

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"Rigassio-Smith,
Anita"
<Anita.Rigassio-
                                                         To
Smith@jacobs.com
                         Dave Dickerson/R1/USEPA/US@EPA
ElaineT Stanley/R1/USEPA/US@EPA,
12/14/2007 01:08
                         <K.C.Mitkevicius@nae02.usace.army
                         .mil>, "Gouveia, Mark"
<Mark.Gouveia@jacobs.com>,
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<Michael.Anderson@jacobs.com>,
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, "Bob Leitch"
<Robert.A.Leitch@usace.army.mil>
Subject
RE: EPA HQ Estimates 1a and 1c
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Dave,

We assumed that there would be more sampling during mechanical dredging due to the greater disturbance to the river and the greater number of dredging days. We used the same assumption in Alt. 3.

Anita

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----Original Message----
From: dickerson.dave@epamail.epa.gov
[mailto:dickerson.dave@epamail.epa.gov]
Sent: Friday, December 14, 2007 1:02 PM
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To: Rigassio-Smith, Anita
Cc: stanley.elainet@epamail.epa.gov;
K.C.Mitkevicius@nae02.usace.army.mil;
Gouveia, Mark; maurice.beaudoin@usace.army.mil; Anderson, Michael
(Boston);
paul.g.l'heureux@usace.army.mil; Bob Leitch
Subject: Re: EPA HQ Estimates 1a and 1c
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Anita and all - thanks for getting these out, it really helps at our end.

One quick question on the mechanical dredging costs (2011 and 2012 on the 1.c estimate): why are the two Battelle line items roughly 5 times higher than during hydraulic dredging?

Dave

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"Rigassio-Smith,
Anita"
<Anita.Rigassio-
                                                          To
Smith@jacobs.com
                         Dave Dickerson/R1/USEPA/US@EPA,
                         ElaineT Stanley/R1/USEPA/US@EPA,
<K.C.Mitkevicius@nae02.usace.army
                         .mil>, "Bob Leitch"
12/14/2007 11:19
                         <Robert.A.Leitch@usace.army.mil>,
<maurice.beaudoin@usace.army.mil>
<paul.g.l'heureux@usace.army.mil>
, "Anderson, Michael \((Boston\))"
<Michael.Anderson@jacobs.com>,
"Gouveia, Mark"
<Mark.Gouveia@jacobs.com>
Subject
EPA HQ Estimates 1a and 1c
```

Attached are the cost estimates for 1a and 1c. We are currently responding to internal comments on 1b.

JE JACOBS Anita Rigassio Smith Environmental Engineer 103 Sawyer Street New Bedford, MA 02746 Office 508.996.5462 x210 Mobile 508.802.7320

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